Report Date: 19 Mar 2014

Summary Report for Individual Task
031-507-4003
Coordinate Execution of Decontamination Operations
Status: Approved

Condition: You are the battalion CBRN Officer/NCO, given Field Manual (FM) 3-11.5, a situation map, unit standing operating procedures (SOP) and the threat of enemy forces using chemical, biological, or radiological weapons against your unit. The battalion is providing CBRN decontamination in support of the CBRN threat. A CBRN decontamination plan/overlay was approved, disseminated, and rehearsed as part of the S2's initial intelligence collection plan. You have to coordinate support for the CBRN decontamination mission. This task can be performed in mission-oriented protective posture (MOPP) 4. Some iterations of this task should be performed in MOPP 4.

Standard: Coordinate execution of CBRN decontamination operations ensuring all mission critical support functions are allocated IAW unit SOP's and FM 3-11.5. There is no change in standards if performed in MOPP 4.

Special Condition: None

Safety Level: Low

MOPP: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Conduct CBRN intelligence preparation of the battlefield (IPB) and vulnerability analysis continuously in coordination with the S2/G2. Determine the threat capabilities to include agents, delivery means, and estimated persistency based on weather and terrain. Plan decontamination operations accordingly.

2. Plan decontamination operations according to the principles of decontamination.

    a. Decon as quickly as possible.

    b. Decon only what is necessary.

    c. Decon by priority.

    d. Decon near the area where the contamination occurs.

3. Identify the pre-attack decontamination actions:

    a. Know the current and future missions.

    b. Outline the capabilities of the unit or activity.

    c. Know the external support available from CBRN units.

    d. Know the decontamination support available to detached/remote elements.

    e. Designate the decontamination sites.

    f. Employ avoidance (whenever possible) within the context of the mission.

    g. Designate the toxic-free area (TFA).

    h. Establish and exercise the CBRN Warning and Reporting System.

4. Select tentative link-up points and decon sites through map and/or ground reconnaissance.

    a. Determine wind direction (to include downwind direction from friendly personnel).

    b. Determine location of water supply.

    c. Determine adequate overhead concealment.

    d. Determine existing facilities and if they are useable.

    e. Determine drainage areas.

    f. Determine trafficability that will withstand large amounts of water being placed on it.

    g. Ensure accessibility for the largest vehicle in the contaminated unit.

    h. Ensure the size of the area facilitates all stations' needs.

5. Determine logistical support availability during a thorough decontamination process.

a. Resupply individual protective equipment (IPE).

b. Replace personnel who may have become injured or ill.

c. Replace supplies (e.g., detector paper, decontamination solution, decontamination kits and apparatuses).

d. Replace or repair any equipment necessary.

6. Coordinate additional support to include:

a. Identify engineer assets for sumps.

b. Identify military police (MP) for traffic control.

c. Identify air defense artillery (ADA) coverage at the decon site.

d. Identify medical support unit.

7. Identify communication means between the contaminated unit, the supporting CBRN assets, medical assets, and the logistical/resupply assets.

a. Obtain call signs and frequencies.

b. If non-secure communication devices are used (handheld, etc.), make communications checks with all personnel.

8. Identify future mission command element for decontamination operations.

a. Receive and forward a CBRN 1 Report to subordinates and higher echelons. If necessary, create a CBRN 2 Report.

b. Estimate personnel and equipment needed to decontaminate one company or unit based on assets available.

c. Coordinate movement of augmentees and supplies/support to the decontamination site.

d. Notify subordinates and higher echelons of dirty routes.

e. Monitor execution of decontamination operations.

f. Send a warning order to the decontamination platoon or the battalion's power-driven decon equipment (PDDE) crew.

g. Notify the decon platoon of the linkup grid.

h. Coordinate support with the decontamination platoon and the contaminated unit upon receiving the request from the decontamination platoon to conduct thorough decontamination operations.

i. Ensure the unit closes out and marks the contaminated area and forwards an CBRN 5 Report (area of actual contamination) upon completion.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all performance measures are passed (P). Score the Soldier NO-GO if any performance measure is failed (F). If the Soldier scores NO-GO, show the Soldier what was done wrong and how to do it correctly.

Evaluation Preparation: Setup: Evaluate this task during a field exercise or during a normal training session. For test purposes the chemical staff officer or NCO must be in a Tactical Operations Center (TOC) as part of a battalion task force or brigade combat team. Provide at the test site all equipment, materials, and information given in the condition statement with exception of contaminated troops.

Brief Soldier: Tell the Soldier that there is no time limit or time standard for this task on the job, but for testing purposes the Soldier, within one hour, will demonstrate the ability to conduct CBRN IPB and vulnerability analysis and correctly identified the assets available with his task organization.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Conducted CBRN (IPB) and vulnerability analysis continuously in coordination with the S2/G2. Determined the threat capabilities to include agents, delivery means, and estimated persistency based on weather and terrain. Planned decontamination operations accordingly.			
2. Planned decontamination operations according to the principles of decontamination.			
a. Deconned as quickly as possible.			
b. Deconned only what is necessary.			
c. Deconned by priority.			
d. Deconned near the area where the contamination occurs.			
3. Identified the pre-attack decontamination actions:			
a. Knew the current and future missions.			
b. Outlined the capabilities of the unit or activity.			
c. Knew the external support available from CBRN units.			
d. Knew the decontamination support available to detached/remote elements.			
e. Designated the decontamination sites.			
f. Employed avoidance (whenever possible) within the context of the mission.			
g. Designated the toxic-free area (TFA).			
h. Established and exercised the CBRN Warning and Reporting System.			
4. Selected tentative link-up points and decon sites through map and/or ground reconnaissance.			
a. Determined wind direction (to include downwind direction from friendly personnel).			
b. Determined location of water supply.			
c. Determined adequate overhead concealment.			
d. Determined existing facilities and if they were usable.			
e. Determined drainage areas.			
f. Determined trafficability that will withstand large amounts of water being placed on it.			
g. Ensured accessibility for the largest vehicle in the contaminated unit.			
h. Ensured the size of the area facilitates all stations' needs.			
5. Determined logistical support availability during a thorough decontamination process.			
a. Resupplied individual protective equipment (IPE).			
b. Replaced personnel who may have become injured or ill.			
c. Replaced supplies (e.g., detector paper, decontamination solution, decontamination kits and apparatuses).			
d. Replaced or repaired any equipment necessary.			
6. Coordinated additional support to include:			
a. Identified engineer assets for sumps.			
b. Identified military police (MP) for traffic control.			
c. Identified air defense artillery (ADA) coverage at the decon site.			
d. Identified medical support unit.			
7. Identified communication means between the contaminated unit, the supporting CBRN assets, medical assets, and the logistical/resupply assets.			
a. Obtained call signs and frequencies.			
b. If non-secure communication devices were used (handheld, etc.), made communications checks with all personnel.			
8. Identified future mission command element for decontamination operations.			
a. Received and forwarded a CBRN 1 Report to subordinates and higher echelons. If necessary, created a CBRN 2 Report.			
b. Estimated personnel and equipment needed to decontaminate one company or unit based on assets available.			

c. Coordinated movement of augmentees and supplies/support to the decontamination site.			
d. Notified subordinates and higher echelons of dirty routes.			
e. Monitored execution of decontamination operations.			
f. Sent a warning order to the decontamination platoon or the battalion's power-driven decon equipment (PDDE) crew.			
g. Notified the decon platoon of the linkup grid.			
h. Coordinated support with the decontamination platoon and the contaminated unit upon receiving the request from the decontamination platoon to conduct thorough decontamination operations.			
i. Ensured the unit closes out and marks the contaminated area and forwards a CBRN 5 Report (area of actual contamination) upon completion.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 3-11.5	Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination {MCWP 3-37.3; NTTP 3-11.26; AFTTP(I) 3-2.60} (This item is included on EM 0205)	Yes	Yes

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and Graphic Training Aid (GTA) 05-08-002 Environmental-Related Risk Assessment.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
031-504-3010	Advise the Commander on Collective Protection (COLPRO) Measures	031 - CBRN (Individual)	Analysis

Supported Individual Tasks :

Task Number	Title	Proponent	Status
031-627-4037	Assist with coordination for Consequence Management in a JOA.	031 - CBRN (Individual)	Analysis

Supported Collective Tasks :

Task Number	Title	Proponent	Status
03-4-1022	Plan Thorough Decontamination	03 - CBRN (Collective)	Approved

03-4-0017	Prepare Appendix 6 (CBRN Defense) to Annex E (Protection)	03 - CBRN (Collective)	Approved
03-4-0016	Coordinate With Staffs on CBRN Related Issues	03 - CBRN (Collective)	Approved
03-8-9020	Implement the CBRN Warning and Reporting System (Battalion - Corps)	03 - CBRN (Collective)	Approved
03-3-5002	Conduct Terrain Decontamination	03 - CBRN (Collective)	Approved
03-2-5124	Establish Mass Casualty Decontamination (MCD) Site	03 - CBRN (Collective)	Approved
03-2-5126	Conduct Non-Ambulatory Casualty Decontamination	03 - CBRN (Collective)	Approved
03-2-5125	Conduct Ambulatory Casualty Decontamination	03 - CBRN (Collective)	Approved
03-2-9312	Conduct Thorough Decontamination	03 - CBRN (Collective)	Approved
03-2-9226	Cross a Chemically Contaminated Area	03 - CBRN (Collective)	Approved
03-2-9225	Conduct a Chemical Reconnaissance	03 - CBRN (Collective)	Approved
03-3-1006	Plan Thorough Decontamination Missions	03 - CBRN (Collective)	Approved
03-2-9224	Conduct Operational Decontamination	03 - CBRN (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
AOC 74A - Chemical Officer - 1LT	Officer	AOC: 74A, Rank: 1LT
MOS 74D - CBRN Specialist - SL3	Enlisted	MOS: 74D, Skill Level: SL3
ALC CTL 2011	Enlisted	MOS: 74D, Skill Level: SL3